ABSTRACT OF THE DISCLOSURE

A method and apparatus for preventing a Denial of Service attack directed at a target that is hosted on a server. The attack is detected and the IP address of the source client of the attack is identified. The IP address of the source of the attack is then communicated upstream to router devices close to the attacking source and the attacker is prevented from further attacks until it is determined that the attacker poses no threat. The detection of the attack and the communication of the identity of the attacker to upstream routers is performed automatically or by human intervention.